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TECH CENTER 1600/2900



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#13

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/733,179A

DATE: 05/02/2002

TIME: 17:20:06

Input Set : A:\SEQUENCE LISTING.TXT

Output Set: N:\CRF3\05022002\I733179A.raw

4 <110> APPLICANT: Boux, Heather A.
 5 Wong, Geraldine S.
 6 Rodriguez, Henry
 8 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING STRESS-INDUCIBLE
 PROTEINS

ENTERED

10 <130> FILE REFERENCE: 12071-006001
 12 <140> CURRENT APPLICATION NUMBER: US 09/733,179A
 13 <141> CURRENT FILING DATE: 2000-12-07
 15 <150> PRIOR APPLICATION NUMBER: WO US00/33341
 16 <151> PRIOR FILING DATE: 2000-12-07
 18 <150> PRIOR APPLICATION NUMBER: US 60/169,535
 19 <151> PRIOR FILING DATE: 1999-12-07
 21 <160> NUMBER OF SEQ ID NOS: 15
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 21
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Homo sapiens
 30 <400> SEQUENCE: 1
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 1 5 10 15
 32 Ser Thr Gly Pro Ile
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 36 <211> LENGTH: 15
 37 <212> TYPE: PRT
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 41 <400> SEQUENCE: 2
 42 Cys Gly Thr Gln Ala Arg Gln Gly Asp Pro Ser Thr Gly Pro Ile
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 43
 45 <210> SEQ ID NO: 3
 46 <211> LENGTH: 12
 47 <212> TYPE: PRT
 48 <213> ORGANISM: Homo sapiens
 50 <400> SEQUENCE: 3
 51 Cys Gly Thr Gln Ala Arg Gln Gly Asp Pro Ser Thr
 1 5 10
 52
 54 <210> SEQ ID NO: 4
 55 <211> LENGTH: 16
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Homo sapiens
 59 <400> SEQUENCE: 4
 60 Arg Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln Asp Lys Cys
 1 5 10 15

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Input Set : A:\SEQUENCE LISTING.TXT
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63 <210> SEQ ID NO: 5
64 <211> LENGTH: 13
65 <212> TYPE: PRT
66 <213> ORGANISM: Homo sapiens
68 <400> SEQUENCE: 5
69 Arg Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln
70 1 5 10
72 <210> SEQ ID NO: 6
73 <211> LENGTH: 28
74 <212> TYPE: PRT
75 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 6
78 Ala His Val Phe His Val Lys Gly Ser Leu Gln Glu Glu Ser Leu Arg
79 1 5 10 15
80 Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln
81 20 25
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 14
85 <212> TYPE: PRT
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 7
89 Ala His Val Phe His Val Lys Gly Ser Leu Gln Glu Glu Ser
90 1 5 10
92 <210> SEQ ID NO: 8
93 <211> LENGTH: 11
94 <212> TYPE: PRT
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 8
98 Met Ala Pro Arg Glu Leu Ala Val Gly Ile Asp
99 1 5 10
101 <210> SEQ ID NO: 9
102 <211> LENGTH: 13
103 <212> TYPE: PRT
104 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 9
107 Met Gln Ala Pro Arg Glu Leu Ala Val Gly Ile Asp Cys
108 1 5 10
110 <210> SEQ ID NO: 10
111 <211> LENGTH: 15
112 <212> TYPE: PRT
113 <213> ORGANISM: Homo sapiens
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116 Gly Ser Leu Gln Glu Glu Ser Leu Arg Asp Lys Ile Pro Glu Glu
117 1 5 10 15
119 <210> SEQ ID NO: 11
120 <211> LENGTH: 643
121 <212> TYPE: PRT
122 <213> ORGANISM: Homo sapiens
124 <400> SEQUENCE: 11

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125 Met Gln Ala Pro Arg Glu Leu Ala Val Gln Ile Asp Leu Gln Thr Thr
126 1 5 10 15
127 Tyr Ser Cys Val Gly Val Phe Gln Gln Gly Arg Val Glu Ile Leu Ala
128 20 25 30
129 Asn Asp Gln Gly Asn Arg Thr Thr Pro Ser Tyr Val Ala Phe Thr Asp
130 35 40 45
131 Thr Glu Arg Leu Val Gln Asp Ala Ala Lys Ser Gln Ala Ala Leu Asn
132 50 55 60
133 Pro His Asn Thr Val Phe Asp Ala Lys Arg Leu Ile Gly Arg Lys Phe
134 65 70 75 80
135 Ala Asp Thr Thr Val Gln Ser Asp Met Lys His Trp Pro Phe Arg Val
136 85 90 95
137 Val Ser Glu Gly Gly Lys Pro Lys Val Pro Val Ser Tyr Arg Gly Glu
138 100 105 110
139 Asp Lys Thr Phe Tyr Pro Glu Glu Ile Ser Ser Met Val Leu Ser Lys
140 115 120 125
141 Met Lys Glu Thr Ala Glu Ala Tyr Leu Gly Gln Pro Val Lys His Ala
142 130 135 140
143 Val Ile Thr Val Pro Ala Tyr Phe Asn Asp Ser Gln Arg Gln Ala Thr
144 145 150 155 160
145 Lys Asp Ala Gly Ala Ile Ala Gly Leu Asn Val Leu Arg Ile Ile Asn
146 165 170 175
147 Glu Pro Thr Ala Ala Ala Ile Ala Tyr Gly Leu Asp Arg Arg Gly Ala
148 180 185 190
149 Gly Glu Arg Asn Val Leu Ile Phe Asp Leu Gly Gly Thr Phe Asp
150 195 200 205
151 Val Ser Val Leu Ser Ile Asp Ala Gly Val Phe Glu Val Lys Ala Thr
152 210 215 220
153 Ala Gly Asp Thr His Leu Gly Gly Glu Asp Phe Asp Asn Arg Leu Val
154 225 230 235 240
155 Asn His Phe Met Glu Glu Phe Arg Arg Lys His Gly Lys Asp Leu Ser
156 245 250 255
157 Gly Asn Lys Arg Ala Leu Gly Arg Leu Arg Thr Ala Cys Glu Arg Ala
158 260 265 270
159 Lys Arg Thr Leu Ser Ser Ser Thr Gln Ala Thr Leu Glu Ile Asp Ser
160 275 280 285
161 Leu Phe Glu Gly Val Asp Phe Tyr Thr Ser Ile Thr Arg Ala Arg Phe
162 290 295 300
163 Glu Glu Leu Cys Ser Asp Leu Phe Arg Ser Thr Leu Glu Pro Val Glu
164 305 310 315 320
165 Lys Ala Leu Arg Asp Ala Lys Leu Asp Lys Ala Gln Ile His Asp Val
166 325 330 335
167 Val Leu Val Gly Gly Ser Thr Arg Ile Pro Lys Val Gln Lys Leu Leu
168 340 345 350
169 Gln Asp Phe Phe Asn Gly Lys Glu Leu Asn Lys Ser Ile Asn Pro Asp
170 355 360 365
171 Glu Ala Val Ala Tyr Gly Ala Ala Val Gln Ala Ala Val Leu Met Gly
172 370 375 380
173 Asp Lys Cys Glu Lys Val Gln Asp Leu Leu Leu Asp Val Ala Pro

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174	385	390	395	400												
175	Leu	Ser	Leu	Gly	Leu	Glu	Thr	Ala	Gly	Gly	Val	Met	Thr	Thr	Leu	Ile
176					405						410					415
177	Gln	Arg	Asn	Ala	Thr	Ile	Pro	Thr	Lys	Gln	Thr	Gln	Thr	Phe	Thr	Thr
178						420				425					430	
179	Tyr	Ser	Asp	Asn	Gln	Pro	Gly	Val	Phe	Ile	Gln	Val	Tyr	Glu	Gly	Glu
180						435				440					445	
181	Arg	Ala	Met	Thr	Lys	Asp	Asn	Asn	Leu	Leu	Gly	Arg	Phe	Glu	Leu	Ser
182						450			455			460				
183	Gly	Ile	Pro	Pro	Ala	Pro	Arg	Gly	Val	Pro	Gln	Ile	Glu	Val	Thr	Phe
184						465			470			475				480
185	Asp	Ile	Asp	Ala	Asn	Gly	Ile	Leu	Ser	Val	Thr	Ala	Thr	Asp	Arg	Ser
186						485				490					495	
187	Thr	Gly	Lys	Ala	Asn	Lys	Ile	Thr	Ile	Thr	Asn	Asp	Lys	Gly	Arg	Leu
188						500				505					510	
189	Ser	Lys	Glu	Glu	Val	Glu	Arg	Met	Val	His	Glu	Ala	Glu	Gln	Tyr	Lys
190						515			520						525	
191	Ala	Glu	Asp	Glu	Ala	Gln	Arg	Asp	Arg	Val	Ala	Ala	Lys	Asn	Ser	Leu
192						530			535			540				
193	Glu	Ala	His	Val	Phe	His	Val	Lys	Gly	Ser	Leu	Gln	Glu	Glu	Ser	Leu
194						545			550			555				560
195	Arg	Asp	Lys	Ile	Pro	Glu	Glu	Asp	Arg	Arg	Lys	Met	Gln	Asp	Lys	Cys
196						565				570					575	
197	Arg	Glu	Val	Leu	Ala	Trp	Leu	Glu	His	Asn	Gln	Leu	Ala	Glu	Lys	Glu
198						580				585					590	
199	Glu	Tyr	Glu	His	Gln	Lys	Arg	Glu	Leu	Glu	Gln	Ile	Cys	Arg	Pro	Ile
200						595			600						605	
201	Phe	Ser	Arg	Leu	Tyr	Gly	Gly	Pro	Gly	Val	Pro	Gly	Gly	Ser	Ser	Cys
202						610			615			620				
203	Gly	Thr	Gln	Ala	Arg	Gln	Gly	Asp	Pro	Ser	Thr	Gly	Pro	Ile	Ile	Glu
204						625			630			635				640
205	Glu	Val	Asp													
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218	<212>	TYPE:	DNA													
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222	gaagctcgag	tcaatcaacc	tcctcaatga													30
224	<210>	SEQ	ID	NO:	14											
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230 tgacaagctt agaattcttc catgaagtgg t 31
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233 <211> LENGTH: 14
234 <212> TYPE: PRT
235 <213> ORGANISM: Homo sapiens
237 <400> SEQUENCE: 15
238 Cys Arg Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln
239 1 5 10

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/733,179A

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Input Set : A:\SEQUENCE LISTING.TXT
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